

Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE C, Lateral Sewer Extension

DATE PREPARED	PROJECT IDENTITY			DNR USE	
DATE REVISED				PROJECT NO.	
				PERMIT NO.	

1. Design Basis

	<u>Initial</u>		<u>Design Year</u> ()		
Residential service area	_____	Acres	_____	Acres	
Population	_____	Persons	_____	Persons	
Flow (100 GPCD)	_____	GPD	_____	GPD	
BOD ₅ (0.17 #/d/cap)	_____	#/day	_____	#/day	
Industrial service area	_____	Acres	_____	Acres	
Rated Flow	_____	GPD	_____	GPD	
BOD ₅	_____	#/day	_____	#/day	
Other _____	_____	Acres	_____	Acres	
Rated Flow	_____	GPD	_____	GPD	
BOD ₅	_____	#/day	_____	#/day	
Total BOD ₅	_____	#/day	_____	#/day	
Total Flow	_____	GPD	_____	GPD	
Peak Hourly Flow	_____	GPD	_____	GPD	

2. Pipe

	8 Inch		10 Inch		12 Inch	
Diameter						
Material	_____		_____		_____	
Joint	_____		_____		_____	
Minimum Slope	_____ %		_____ %		_____ %	
Maximum Manhole Space	_____ ft.		_____ ft.		_____ ft.	
Total Sewer Length	_____ ft.		_____ ft.		_____ ft.	
Maximum Cover	_____ ft.		_____ ft.		_____ ft.	
Minimum Cover	_____ ft.		_____ ft.		_____ ft.	

3. Construction specifications (indicate ASTM No. or other standard included in the specifications). A brief description is required in each part.

A. Bedding class _____

B. Pipe laying _____

C. Compaction _____

D. Manhole _____

E. Specified maximum Infiltration/exfiltration rate _____ GPD/PMPI

F. Infiltration/exfiltration test procedures _____

G. Alignment & grade test procedures

(1) During construction: Stake & batter board _____ Laser _____

(2) After construction: Lamping _____ Other _____

H. Deflection test procedures _____

4. Are detailed manhole drawings included: Yes ☐ No ☐

Typical frame and cover assembly _____

Are manhole covers nonvented: Yes ☐ No ☐

Manhole diameter _____ in.

Manhole opening diameter _____ in. Material _____

5. Minimum sewer & water main separation: Horizontal _____ ft. Vertical _____ in.

Are specifications included? _____

6. Stream, road, or railroad crossing protection _____

Are specifications included? _____